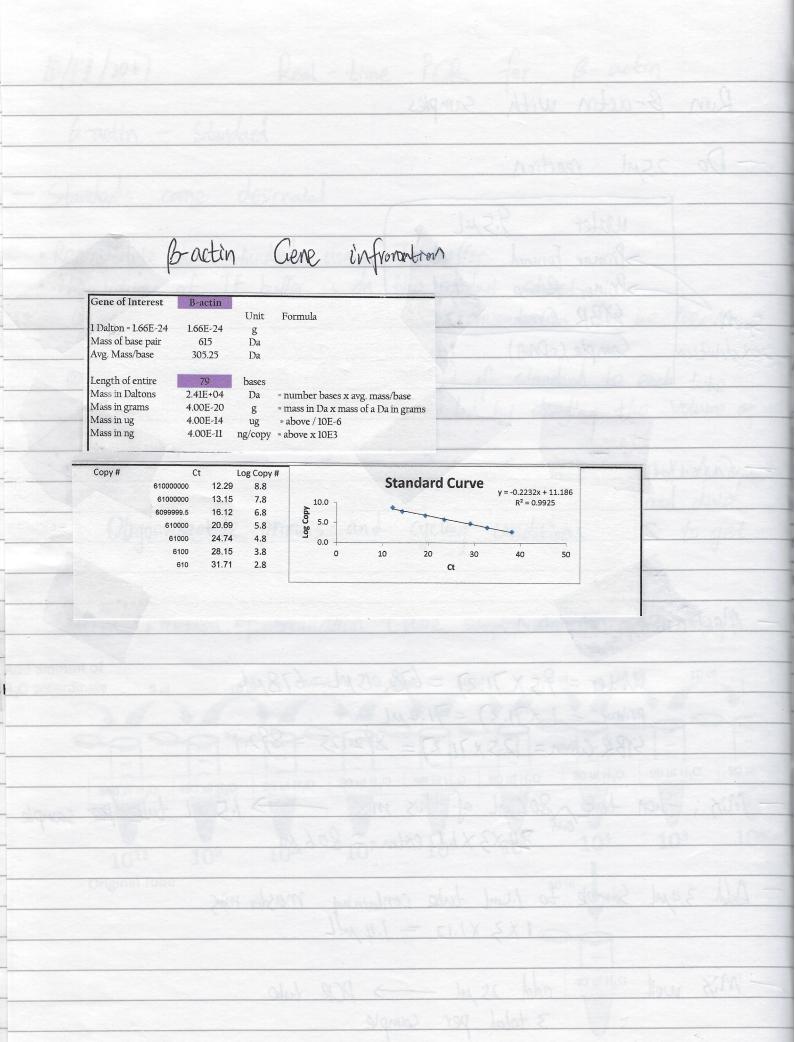
EXHIBIT B15 Part 3



IND.

Oligonucleotide primers and Cycling condition

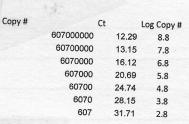
	0				
	Gene	Sense (5'-3')	Antisense (3'-5')	Amplicon (bp)	Annealing Time (sec) and Temperature (°C)
M_001101	β-actin	ATGACTTAGTTGCGTTACAC	AATAAAGCCATGCCAATCTC	79	10, 64
M_001752	CAT	GGTTGAACAGATAGCCTTC	CGGTGAGTGTCAGGATAG	105	10, 63
M_000637	GSR	TCACCAAGTCCCATATAGAAATC	TGTGGCGATCAGGATGTG	116	10, 63
000581	GPX1	GGACTACACCCAGATGAAC	TTCTCCTGATGCCCAAAC	96	10, 61
M_000852	GSTp1	TACCAGTCCAATACCATC	GTAGATGAGGGAGATGTA	138	10, 57
м_000250	MPO	CACTTGTATCCTCTGGTTCTTCAT	TCTATATGCTTCTCACGCCTAGTA	79	60, 63
M_000625	NOS2	GAGGACCACATCTACCAGGAGGAG	CCAGGCAGGCGGGAATAGG	89	30, 59
M_003102	SOD3	GTGTTCCTGCCTGCTCCT	TCCGCCGAGTCAGAGTTG	84	60, 64
100000000000000000000000000000000000000		Was a second and a			

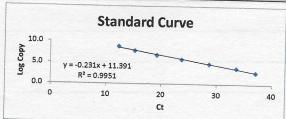
An initial cycle was performed at 95°C followed by 35 cycles of denaturation at 95°C for 15 seconds, annealing temperature and time per the table, followed by extension cycle at 72°C for 30 seconds.

10/13/2017
Run Real time PCR - GSR with standard & Samples

Gene of Interest	GSR		
1 Dalton = 1.66E-24 Mass of base pair Avg. Mass/base	1.66E-24 615 305.25	Unit g Da Da	Formula
Length of entire Mass in Daltons Mass in grams Mass in ug Mass in ng	103 3.14E+04 5.22E-20 5.22E-14 5.22E-11	bases Da g ug ng/copy	= number bases x avg. mass/base = mass in Da x mass of a Da in grams = above / 10E-6 = above x 10E3

Ciene information





Standard Curve

Data

Normal Ov Epithelial Cells	fg/ul cDNA	Fold Change	Average	SD	p val
Normal Ov Epithelial -Control	4.46428128			0.0	pvar
	4.040537078				
	5.649374711				
Normal Ov Epithelial 20 ug/ml Talc	3.436513604	-0.191866667	0.200031	0.122962	0.381
	4.733285555				0.001
N	5.472758654	0.286978375			
Normal Ov Epithelial 100 ug/ml Talc	8.010433347	0.883740019	0.904084	0.028771	0.049
	8.183455957	0.924428156			0.0.12
N. In The second	6.552998884	0.541008545			
Normal Ov Epithelial 1000 ug/ml Talc	7.045842037	0.656905942	0.674378	0.02471	0.063
	7.629372716	0.794129491			0.000
El como de la como de	7.194442969	0.691851058			
EL-1 Cells	fg/ul cDNA	Fold Change	Average	SD	p val
EL1 Control DMSO (5 ug/ml volume)	57.54265341	56.14675379			P . u.
	56.08810465				
	54.80950331				
EL1 20 ug/ml Talc	94.65256367	0.685806521	0.619541	0.093714	0.0
	103.7557756	0.847938992			0.0
	87.21138337	0.553275612			
EL1 100 ug/ml Talc	130.0248721	1.315803912	1.418008	0.144539	0.0
	117.4033866	1.09100934			0.0
	141.5017433	1.520212368			
EL1 1000 ug/ml Talc	125	1.226308585	1.095698	0.133677	0.004
	110	0.959151555			0.001



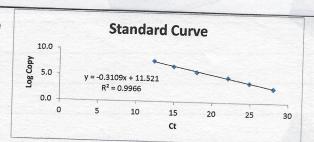
Case 3:16-md-02738	B-MAS-RLS	Document 973	8-5 <mark>≇</mark> -il	^{1.8} එත් 05/0	7/19	Page 5 of 10 Page Din 4.1014
				1.4		■ Ovarian Cancer (A2780) ■ Ovarian Cancer (TOV-112D)
			e as C	1.2	т	T T
			GSR Expression (Fold Chnage as Comp Control)	0.8	m 1	L July Line
THE SERVICE A STATE		14-1-1501	(Fold	1	r **	
SIGNIS DE	Million 6	174M < 01	ession	0.6		
			Expre	0.4 T	Ţ	T T
		*	GSR	0.2	±	
					20	100 1000
SKOV-3 Cells	fg/ul cDNA	Fold Change	Average	SD	p val	Talc Treatment (ug/ml, 72 hours)
SKOV control for 20 ug/ml Talc	114.1745767	120.5460773	Average	36	p tu:	
3KOV CONTION OF 25 dg/ III Tale	127.061285					
	120.4023703	402 4220404				
SKOV-3 Control for 100 ug/ml Talc	101.1965313	103.1239404				
	74.08540446					
SKOV-3 20 ug/ml	193.1882215	0.602608942	0.988734	0.138282	0.082	5
	227.9470905	0.890954028 1.08651421				
SKOV-3 100 ug/ml	251.5211034 228.5877349	1.216631114	0.993998	0.146443	0.043	3
310 4 3 100 06/111	216.3075686	1.09754949				
	194.9503956	0.890447502				
SKOV-3 control for 1000 ug/ml Talc	8.767536762 12.50147198	8.745966216				
	8.72439567					
SKOV-3 1000 ug/ml Talc	18.23385621	1.084830396	1.063699	0.029884	0.011	2
	11.80474342 17.86422909	0.349735768 1.042567813				
	17.80422909	1.042307013				
					U	
A2780 Cells			Average	SD	p val	
A2780 control for 20 ug/ml Talc	140.1662906 133.6702915	131.4102463				
	129.1502011					
A2780 Control for 100 ug/ml Talc	59.80237268	58.6912448				
All Control of the Co	59.17958401 57.09177772					
A2780 20 ug/ml	217.2079848	0.652899914	0.26082	0.068898	0.0766	
	172.0867487	0.309538286				
A2780 100 ug/ml	159.2825972 96.49799078	0.212101808 0.644163301	0 546833	0 137646	0.1088	C .
	85.07310653	0.449502508	0.5 10000	0.137010	0.1000	
16 1000 / 17 1	114.628098	0.953069805				
A2780 control for 1000 ug/ml Talc	3.268388429 7.698909987	5.483649208				
	0.370810318					
A2780 1000 ug/ml Talc	5.048597924	-0.079336089	0.282275	0.124705	0.5365	
	6.547999324 7.515090464	0.194095223 0.370454269				
TOV112 Cells			Average S	SD I	p val	
TOV112 Control for 20 ug/ml Talc	72.41291598	72.18860045				
l l	71.52391916 72.62896621					
TOV112 20 ug/ml Talc	155.3169283	1.151543697	1.051945	0.108838	0.0035	
	139.7405248	0.935769968				
TOV442	149.3235813	1.068520242				
TOV112 control for 100 talc	5.996678626 7.53579081	7.837259573				
	9.979309283					Y-1
TOV112 100 ug/ml Talc	10.08078007	0.286263391	0.203338	0.117274	0.4114	
	8.78096925	0.120413222				
TOV112 Control for 1000 tov	7.925913775 7.753431026	0.011311888 7.785682592				
	7.825356753					
TOV/112D 1000 T-1: 40 I	7.778259997	0 000 000	0 00			
TOV112D 1000 Talc 48 hr	14.05672982 14.07717885	0.805458886 0.808085378	U.806772	U.U01857	0.0026	
	15.01294095	0.928275494				49

10/16/2017 Run Real-time PCR - i NOS with Standard & Samples

Gene information

Gene of Interest	iNOS		
l Dalton = 1.66E-24 Mass of base pair Avg. Mass/base	1.66E-24 615 305.25	Unit g Da Da	Formula
Length of entire	89	bases	
Mass in Daltons	2.72E+04	Da	= number bases x avg. mass/base
Mass in grams	4.51E-20	g	= mass in Da x mass of a Da in grams
Mass in ug	4.51E-14	ug	= above / 10E-6
Mass in ng	4.51E-11	ng/copy	= above x 10E3

Copy#			
сору #		Ct	Log Copy #
	61500000	12.29	7.8
	6150000	13.15	6.8
	615000	16.12	5.8
	61500	20.69	4.8
	6150	24.74	3.8
	615	28.15	2.8



Standard Curve

0.070136 1.951497602	Normal Ov Epithelial Cells	fg/ul cDNA	Fold Change	Average	SD	p val
Normal Ov Epithelial -Control for 20 100 0.022711 0.093339 0.240718 Normal Ov Epithelial 20 ug/ml Talc 0.119802 0.070136 1.951497602 0.07335 2.086107216 Normal Ov Epithelial 100 ug/ml Talc 0.152123 0.152123 0.172171608 0.234882 0.278189205 0.191452 0.122665 0.203004 0.10471476 Normal Ov Epithelial 1000 ug/ml Talc 0.0606 1.550198328 1.677861 0.180542 0.076926 2.237232983 0.066667 1.805523796 EL-1 Cells fg/ul cDNA Fold Change Average SD p val EL1 Control DMSO for 20 ug/ml 0.033565 0.032099 EL1 Control DMSO for 100 ug/ml 0.092988 0.109375796 EL1 Control DMSO for 100 ug/ml 0.092988 0.109375796 EL1 20 ug/ml Talc 0.041749 0.304399045 0.395871 0.129361 0.047604 0.487343726 EL1 100 ug/ml Talc 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.0417854 2.820352453 0.029852 0.0229852 0.72706732	Normal Ov Epithelial -Control for 1000	0.024815	0.023762852			
Normal Ov Epithelial -Control for 20 100		0.241742				
0.093339 0.240718 0.240718 0.240718 0.240718 0.240718 0.070136 1.951497602 0.070136 1.951497602 0.073335 2.086107216 0.122665 ns		0.022711				
Normal Ov Epithelial 20 ug/ml Talc	Normal Ov Epithelial -Control for 20 100	0.126806	0.183761711			
Normal Ov Epithelial 20 ug/ml Talc						
0.070136 1.951497602						
Normal Ov Epithelial 100 ug/ml Talc	Normal Ov Epithelial 20 ug/ml Talc	0.119802	4.041569265	2.018802	0.095183	0.0353
Normal Ov Epithelial 100 ug/ml Talc 0.234882 0.278189205 0.191452 0.122665 ns 0.152123 -0.172171608 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.10471476 -0.1047042 -0.10471476 -0.1047046 <td></td> <td>0.070136</td> <td>1.951497602</td> <td></td> <td></td> <td></td>		0.070136	1.951497602			
0.152123		0.073335	2.086107216			
0.203004 0.10471476 0.180542 0.0006 0.076926 2.237232983 0.066667 1.805523796 0.0066667 1.805523796 0.0066667 1.805523796 0.00066667 1.805523796 0.00066667 1.805523796 0.000066667 0.000066667 0.000066667 0.000066667 0.000066667 0.000066667 0.000066667 0.0000066667 0.000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000066667 0.0000000066667 0.00000066667 0.00000066667 0.00000066667 0.000000066667 0.000000066667 0.000000066667 0.0000000000000000000000000000000000	Normal Ov Epithelial 100 ug/ml Talc	0.234882	0.278189205	0.191452	0.122665	ns
Normal Ov Epithelial 1000 ug/ml Talc		0.152123	-0.172171608			
0.076926 2.237232983		0.203004	0.10471476			and the second
D.066667 1.805523796	Normal Ov Epithelial 1000 ug/ml Talc	0.0606	1.550198328	1.677861	0.180542	0.065
EL-1 Cells fg/ul cDNA Fold Change Average SD p val EL1 Control DMSO for 20 ug/ml 0.031913 0.032005997 0.032005997 0.032005997 0.032005997 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032009 0.032000 0.032000 0.032000 0.002000 0.002000 0.002000 0.002000 0.0020000 0.0020000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000 0.002000		0.076926	2.237232983			
EL1 Control DMSO for 20 ug/ml 0.031913 0.032005997 0.033565 0.032099 EL1 Control DMSO for 100 ug/ml 0.092988 0.109375796 0.131096 0.125764 EL1 20 ug/ml Talc 0.041749 0.304399045 0.395871 0.129361 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732		0.066667	1.805523796			
0.033565 0.032099 EL1 Control DMSO for 100 ug/ml 0.092988 0.109375796 0.131096 0.125764 EL1 20 ug/ml Talc 0.041749 0.304399045 0.395871 0.129361 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732	EL-1 Cells	fg/ul cDNA	Fold Change	Average	SD	p val
D.032099 D.092988 D.109375796 D.131096 D.125764 D.125764 D.041749 D.304399045 D.395871 D.129361 D.047604 D.487343726 D.164327 D.164327 D.164327 D.164327 D.164327 D.164327 D.164327 D.164327 D.166235 D.164327 D.164327 D.164327 D.164327 D.164327 D.164327 D.166235 D.166235 D.164327 D.164327 D.164327 D.166235 D.166235	EL1 Control DMSO for 20 ug/ml	0.031913	0.032005997			
EL1 Control DMSO for 100 ug/ml 0.092988 0.109375796 0.131096 0.125764 EL1 20 ug/ml Talc 0.041749 0.304399045 0.395871 0.129361 0. 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732		0.033565				
0.131096 0.125764 0.125764 0.304399045 0.395871 0.129361 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732		0.032099				
0.125764 0.304399045 0.395871 0.129361 0. 0.041749 0.304399045 0.395871 0.129361 0. 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732	EL1 Control DMSO for 100 ug/ml	0.092988	0.109375796			
EL1 20 ug/ml Talc 0.041749 0.304399045 0.395871 0.129361 0. 0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732		0.131096				
0.047604 0.487343726 0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732		0.125764				
0.164327 4.134252728 EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732	EL1 20 ug/ml Talc	0.041749	0.304399045	0.395871	0.129361	0.11
EL1 100 ug/ml Talc 0.392141 2.585260966 2.702807 0.166235 0.01 0.417854 2.820352453 0.029852 -0.72706732		0.047604	0.487343726			
0.417854 2.820352453 0.029852 -0.72706732	de la companya de la	0.164327	4.134252728			
0.029852 -0.72706732	EL1 100 ug/ml Talc	0.392141	2.585260966	2.702807	0.166235	0.0135
		0.417854	2.820352453			
EL-1 1000 control 0.867264 0.946591901		0.029852	-0.72706732			
	EL-1 1000 control	0.867264	0.946591901			
0.881998		0.881998			-3-25	Bus in the same
1.02592						
	EL-1 1000 ug/ml Talc		2.426971659	2.382584	0.062774	0.0135
3.159909 2.338196032			2,338196032			

1.96581

1.076724206



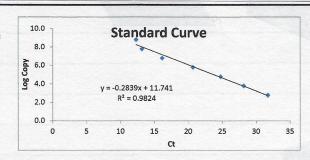
				W 4 .					Normal Ovarian Epithelial	
Case 3:16-md-0273	8-MAS-R	LS Docur	nent 97		Filed 05	/07/19	Page 7	of 10	Pagelles 41016	
				2 sared			- 1		Ovarian Cancer (SKOV-3) Ovarian Cancer (A2780)	
				Somp					Ovarian Cancer (TOV-112D))
				4 e as				т	J.Y	
			1	rol)						-
				old Chang Control)			I			
				n (Fo			1		. I	T
				oissa.	I	I			Т	-
				iNOS Expression (Fold Change as Compared Control) 7						
			-	SON 1						-
					J		т			
				0 L	20	2	1		1222	
SKOV-3 Cells	fg/ul cDN/	Fold Change	Average	SD	p val	Ta	alc Treatment	(ug/ml, 72 h	ours) 1000	
SKOV control for 20 ug/ml Talc	0.018948	0.01936476								
	0.015705									Y
SYOU 2 Control for 100 ug/ml Tale	0.019781									
SKOV-3 Control for 100 ug/ml Talc	0.013424				4					
	0.009267									
SKOV-3 20 ug/ml	0.047144		1.52669	0.130353	0.0294					
	0.050714	1.618863155								
	0.144431									
SKOV-3 100 ug/ml	0.06			0.31163	0.05					7
	0.065									
SXOV-3 control for 1000 ug/ml Talc	1.369745									
	1.137957									
	0.655203									
SKOV-3 1000 ug/ml Talc	2.310336			0.003559	0.0396					
	3.15364 3.158736									
A2780 Cells				SD	p val					
A2780 control for 20 ug/ml Talc	0.094243			30	p vai	-				
	0.068008									
A2780 Control for 100 ug/ml Talc	0.064051									-
AZ/80 CONTROLIOF TOO US/III Taic	0.053171	0.051076582								
	0.048683									-
A2780 20 ug/ml	0.112398		0.424255	0.005849	0.0629					
	0.118215	0.493609261		0.0030	0.0023					
40700 400/1	0.113053	0.428390528								
A2780 100 ug/ml	0.209538		3.368828	0.37674	0.05					
	0.180167 0.236751	2.527397018 3.635223784								
#2780 control for 1000 ug/ml Talc	4.549583	4.548883598								
	3.933995	4.0 (000)								Y
10700 1000 - / -17.1-	4.548184									
A2780 1000 ug/ml Talc	6.369001	0.400123916	0.40196	0.002597	0.0032					
	6.385709 6.86353	0.403796873								
TOV112 Cells		0.508838338 Fold Change								
TOV112 Control for 20 ug/ml Talc	0.058522	0.052902734	Average !	SD I	p val					
	0.058744	0.03230273								
	0.047283					m3				Y
TOV112 Control 1000 volume	0.062537	0.064595234				3				
	0.068004									
TOV112 20 ug/ml Talc	0.063245	2.017356105	1.054402	- 254421						
	0.133020	1.815992924	1.854482	0.054431	0.0133					
	0.153046	1.892970354								Y
TOV112 100 ug/ml Talc	0.064349	0.216369215	0.222484	0.008648	0.0224					
	0.064996	0.228599616			0.02					Y
TOV112 Control for 1000		-0.127677239								
101112 CONTROL TO 1000	0.053966	0.05318876								
	0.06101				18 6					
TOV112D 1000 ug/ml Talc		0.476157328 0	1.947326	0 121924	0.1077					
	0.09899	0.861112589	10 1.021	1.121327	0.1077	- 4				
	0.108161	1.03353966							é	51
										1

10/16/2017 Run RT-PCR-GPX with standard & samples

Gene of Interest	GPX		
		Unit	Formula
1 Dalton = 1.66E-24	1.66E-24	g	
Mass of base pair	615	Da	
Avg. Mass/base	305.25	Da	
Length of entire	96	bases	
Mass in Daltons	2.93E+04	Da	= number bases x avg. mass/base
Mass in grams	4.86E-20	g	= mass in Da x mass of a Da in grams
Mass in ug	4.86E-14	ug	= above / 10E-6
Mass in ng	4.86E-11	ng/copy	= above x 10E3

Gene information

Copy#		Ct		Log Copy #
4	609000000		12.29	8.8
	60900000		13.15	7.8
	6090000		16.12	6.8
	609000		20.69	5.8
	60900		24.74	4.8
	6090		28.15	3.8
	609		31.71	2.8



Standard Curve

Data

Normal Ov Epithelial Cells	fg/ul cDNA	Fold Chang	Average	SD	p val
Name of Oracine district Control for 1000	40 44450	42 20500			
Normal Ov Epithelial -Control for 1000	10.44452	12.39509			
	12.94154				
	13.79921				
Normal Ov Epithelial -Control for 20 100	12.52692	12.89282			
	13.25873				
	18.81577				
Normal Ov Epithelial 20 ug/ml Talc	25.05152	0.943059	0.640542	0.059069	0.0694
	21.68973	0.682311			
	20.61271	0.598774			
Normal Ov Epithelial 100 ug/ml Talc	24.93692	0.93417	0.902286	0.045092	0.0425
	24.11475	0.870401			
	21.4644	0.664833			
Normal Ov Epithelial 1000 ug/ml Talc	16.43495	0.325924	0.194533	0.042818	0.32
	15.18163	0.22481			
	14.43106	0.164256			
EL-1 Cells	fg/ul cDNA	Fold Chang	Average	SD	p val
EL1 Control DMSO for 20 ug/ml	26.43411	25.98751			
	24.94745				
	26.58098				
EL1 Control DMSO for 100/1000 ug/ml	26.2594	26.26166	and the second		
	26.03356				
	26.26393				
EL1 20 ug/ml Talc	66.79229	1.570168	1.644264	0.104787	0.0394
	70.6434	1.718359			
	77.07548	1.965866			
EL1 100 ug/ml Talc	36.51237	0.39033	0.345133	0.063918	0.074
	46.80624	0.782303			
	34.13847	0.299935			
EL1 1000 regular	28.5	0.085232	0.075712	0.013463	0.041
	28				

Case 3:16-md-027	38-MAS	S-RLS	Docum	ent 973	88-5 Fi	led 05/07/19	Page 9 of 1	O Pagel Daria 1 018al Macrophages (EL-1)
of Stamples	chart	An Ah	W E	on (Fold Cha	3	T.		Ovarian Cancer (SKOV-3) Ovarian Cancer (A2780) Ovarian Cancer (TOV-112D)
				pressi	2	_ I		
				9X1 EX	1			I
						20 Talc	100 Treatment (ug/ml, 72	hours)
SKOV-3 Cells SKOV control for 20 ug/ml Talc	fg/ul cDN/ 6.817514	Fold Chan 7.415123		SD	p val		reduction (ag/ini, 72	nours _j
20 de la control los 20 de la control los de la	7.716939							
2012 C. H. 15, 100 / 17.1	7.710917							
SXOV-3 Control for 100 ug/ml Talc	8.439988 8.384401			-	 			
	8.053921							
SKOV-3 20 ug/ml	32.91981		-	0.421067	7 0.0315	5		
	40.68022 45.09577				-			
SKOV-3 100 ug/ml	55.1		5.555959	0.008406	0.0207			
	52.1	5.19339						,
SKOV-3 control for 1000 ug/ml Talc	55.2 54.53351							
Sect of control 101 2000 dg/fill fulc	49.76691	32.13021						\\
	39.85461							
SKOV-3 1000 ug/ml Talc	35.33473 55.82142		0.070767	0.000524	ns			
	55.86005				Property Communication of the			· · · · · · · · · · · · · · · · · · ·
A2780 Cells	fg/ul cDNA	Fold Chang	Average	SD	p val			
A2780 control for 20 ug/ml Talc	19.61021	20.77316	Average	30	p vai			· · · · · · · · · · · · · · · · · · ·
	21.9361							
A2780 Control for 100 ug/ml Talc	16.44827 8 250935	8.317047				T AM	W	
and the second s	8.383159	0.517047						· · · · · · · · · · · · · · · · · · ·
42700 00 / 1	6.165789							E-m
A2780 20 ug/ml		1.790857 1.918858	1.854858	0.090511	0.0192			
		1.611809						~
A2780 100 ug/ml			0.307519	0.022277	0.0162	×374		
	11.00571	0.323272 0.530951						
A2780 control for 1000 ug/ml Talc	0.33411							Y
	0.223734					-		
A2780 1000 ug/ml Talc	0.206982	0.711124	1.047611	0.475865	0.291			
	0.513434	1.384098		5,5005	0.231			· · · · · · · · · · · · · · · · · · ·
	0.0282	-0.86906						
TOV112 Cells	fg/ul cDNA		Average	SD	p val			V7
TOV112 Control for 20 ug/ml Talc	15.60499 16.04456	15.52105						
	15.43712							Y
TOV112 Control 100 talc	5.87752	15.09463						
	14.00668 16.18258							
TOV112 20 ug/ml Talc		3.749145	3.552248	0.278454	0.01			Y
	67.59964	3.355352			- 52			· ·
TOV112 100 ug/ml Talc	59.39598		0.453435	0.011653				
10 ATTS TOO REVUIL LAIC	22.41454 21.45642	0.484934	0.453197	0.044883	0.0465			V*
	19.28461	0.27758						· · · · · · · · · · · · · · · · · · ·
TOV112 Control for 1000ug/ml Talc		7.868342						
	7.055626 8.681058			· ·				7
TOV112D 1000 Talc	14.70037	0.868293	0.56558	0.030965	0.1387	4-1-1		
	12.49081	0.587476						27
	12.14624	0.543684						53

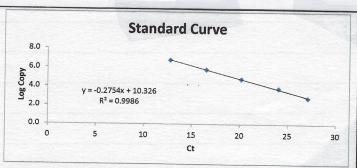
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10/17/2017 Run RT-PCR - SOD3 with Standard & Samples

Gene information

Gene of Interest	SOD3		
Dalton = 1.66E-24 Mass of base pair Avg. Mass/base	1.66E-24 615 305.25	Unit g Da Da	
Length of entire	85	bases	
Mass in Daltons	2.59E+04	Da	= number bases x avg. mass/base
Mass in grams	4.31E-20	g	= mass in Da x mass of a Da in grams
Mass in ug	4.31E-14	ug	= above / 10E-6
Mass in ng	4.31F-11	ng/copy	= above x 10E3

Copy#	C	Log Copy #		
	610000000	12.29	8.8	
	67000000	13.15	7.8	
	6099999.5	16.12	6.8	
	610000	20.69	5.8	
	61000	24.74	4.8	
	6100	28.15	3.8	
	610	31.71	2.8	



Standard Curve

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11

Normal Ov Epithelial Cells	fg/ul cDN	Fold Change	Average	SD	p val
Normal Ov Epithelial -Control for 100	0.069583	0.060875247			
	0.102165				Carrie
	0.052168				
Normal Ov Epithelial -Control for 200 500	1.025561	0.635120216			
	0.679916				
N- IO F NI NI NI	0.590325				
Normal Ov Epithelial 20 ug/ml Talc	0.749187		0.179165	0.000614	0.2374
* A. A. C.	0.748636	0.178730864			
News-LO E III III II	0.803527	0.265158094			
Normal Ov Epithelial 100 ug/ml Talc	3.517144	4.537760335	2.831552	0.347194	0.05
	2.277572	2.586048719			
Name to 5 to 10 to 10	2.589421	3.077055842			
Normal Ov Epithelial 1000 ug/ml Talc	0.082194	0.350206214	0.4135	0.089512	0.05
	0.116134	0.907744026			
	0.0899	0.476794623			
EL-1 Cells		Fold Change	Average	SD	p val
EL1 Control DMSO for 20 ug/ml	0.018405	0.01823182			Office Control
	0.017237				
FIA C I Dates a	0.019054				
EL1 Control DMSO for 100/1000 ug/ml	0.110426	0.118911669			
	0.085674				
Fld co. / i = i	0.127398				
EL1 20 ug/ml Talc	0.038627	1.118643876	1.137817	0.027115	0.0021
	0.0348	0.908736299			
EL CALL	0.039326	1.156990307			
EL1 100 ug/ml Talc	0.254701	1.141934765	1.411269	0.380896	0.0887
	0.318755	1.680603474			
	0.380953	2.203659803			
EL1 1000 ug/ml Talc	0.26	1.186496936	1.147252	0.042327	0.0629
2.12.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	0.25	1.1024009			
	0.256	1.152858521			

